

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants	:	Hashimoto et al.	)	Examiner:
			)	Unknown
Serial No.	:	10/579,670 based on PCT/JP2004/016422	)	
			)	Art Unit:
Int'l Filing			)	1632
Date	:	November 5, 2004	)	
			)	
Cnfrm. No.	:	9396	)	
			)	
For	:	SOIL MICROORGANISM-HOUSING	)	
		BIOSENSORS AND THEIR USES	)	

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**REQUEST FOR CORRECTED FILING RECEIPT**

**Mail Stop: Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby request a corrected filing receipt and notice of acceptance for the above-identified application. On the enclosed copy of the official filing receipt, the foreign application data was omitted. The foreign application data should be "JAPAN 2003-390013 11/19/2003" (data underlined). A typographical error was made in the application data sheet. A copy of the application data sheet with hand-written correction verifying priority should be claimed is enclosed. A copy of the Combined Declaration and Power of Attorney claiming priority as filed on May 18, 2006 is enclosed.

Since Applicants are responsible for this error, the Commissioner is hereby authorized to charge any necessary fees to Deposit Account No. 14-1138.

Respectfully submitted,

Dated: September 19, 2007

/Georgia Evans/  
Georgia Evans  
Registration No. 44,597

Nixon Peabody LLP  
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## APPLICATION DATA SHEET

Electronic Version v14

Stylesheet Version v14.1

*Applicant Information:*Inventor 1:

Applicant Authority Type: Inventor  
Citizenship: JP  
Given Name: Yoshihiro  
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Postal Code of Mailing Address: 252-0802  
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Inventor 2:

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Fax:

E-mail:

*Correspondence Information:*

Customer Number:

26774

\*26774\*

*Application Information:*

Title of Invention: SOIL MICROORGANISM-HOUSING BIOSENSORS AND  
THEIR USES

Application Type: regular, utility

Attorney Docket Number: 201487/1180

Botanic Information:

Publication Information:

Suggested Figure for Publication -

Suggested Classification -

Suggested Technology Center -

Total Number of Drawing Sheets -

*Representative Information:*

practitioner(s) at Customer Number:

26774

\*26774\*

as our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

*Domestic Priority Information:*

This is a National Stage of GC application number PCT/JP2004/016422, filed 2004-11-05.

*Foreign Priority Information:*

Doc.No:2003-390013; Country - JP; Date: 2003-11-19 ~~us-priority-not-claimed~~

*us-priority-claimed*

*Assignee Information:*



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/579,670	02/01/2007	1632	1030	201487/1180	5	3

CONFIRMATION NO. 9396

26774

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ENTERED  
Nixon Peabody LLP

MAR 29 2007

FILE 201487/1180  
DKT mb

## FILING RECEIPT



\*OC000000022991735\*

Date Mailed: 03/21/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Yoshihiro Hashimoto, Kanagawa, JAPAN;  
Isao Karube, Ibaraki, JAPAN;

**Power of Attorney:** The patent practitioners associated with Customer Number 26774.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/16422 11/05/2004, which claims benefit of  
Japan 2003-390013 11/19/2003

## Foreign Applications

If Required, Foreign Filing License Granted: 03/20/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/579,670**

Projected Publication Date: 06/28/2007

Non-Publication Request: No

Early Publication Request: No

**Title**

Soil microorganism-housing biosensors and their uses

**Preliminary Class**

424

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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**NOT GRANTED**

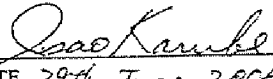
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<b>COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY</b> (Includes Reference to PCT International Applications)		<b>ATTORNEY'S DOCKET NUMBER</b> 201487/1180 (S5-A0301P-US)	
As a below named inventor, I hereby declare that:  My residence, post office address and citizenship are as stated below next to my name.  I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: <p style="text-align: center;"><b>SOIL MICROORGANISM-HOUSING BIOSENSORS AND THEIR USES</b></p>			
the specification of which (check only one item below):  <div style="display: flex; flex-direction: column; gap: 10px;"> <div> <input type="checkbox"/> is attached hereto.         </div> <div> <input type="checkbox"/> was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).         </div> <div> <input checked="" type="checkbox"/> was filed as PCT International Application Number <b>PCT/JP2004/016422</b> on <b>November 5, 2004</b> and assigned U.S. Serial No. <b>10/579,670</b>.         </div> </div>			
I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.			
I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(e).			
I hereby claim priority benefits under Title 35, United States Code, § 119 of any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:			
<b>PRIOR APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:</b>			
<b>COUNTRY (IF PCT, indicate "PCT")</b>	<b>APPLICATION NUMBER</b>	<b>DATE OF FILING (day, month, year)</b>	<b>PRIORITY CLAIMED UNDER 35 USC 119</b>
Japan	2003-390613	19 November 2003	[X] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO

<b>COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued)</b> (Includes Reference to PCT International Applications)				<b>ATTORNEY'S DOCKET NUMBER</b> 201487/1180 (S5-A0301P-US)	
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:					
<b>PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:</b>					
U.S. APPLICATIONS			STATUS (Check One)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
PCT/JP2004/016422	5 November 2004	10/579,670		X	
<b>POWER OF ATTORNEY:</b> : As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with the following customer number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. 26774					
Send Correspondence to: 26774			Direct telephone calls to: Michael L. Goldman (585) 263-1304		
2 0 1	FULL NAME OF INVENTOR	FAMILY NAME HASHIMOTO	FIRST GIVEN NAME Yoshihiro	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Kanagawa	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS 2-7-1, Nakamachidai, Tsuzuki-ku, Yokohama	CITY Kanagawa	STATE & ZIP CODE/COUNTRY 224-0041 Japan	
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME KARUBE	FIRST GIVEN NAME Isao	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o Tsukuba Central, National Institute of Advanced Industrial Science and Technology, 1-1-1, Higashi, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/COUNTRY 305-8561 Japan	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.					
SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202			
<i>Yoshihiro Hashimoto</i>					
DATE 20 October 2006		DATE			

<b>COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY</b> (Includes Reference to PCT International Applications)	<b>ATTORNEY'S DOCKET NUMBER</b> 201487/1180 (S5-A0381P-US)		
As a below named inventor, I hereby declare that:  My residence, post office address and citizenship are as stated below next to my name.  I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: <div style="text-align: center;"><b>SOIL MICROORGANISM-HOUSING BIOSENSORS AND THEIR USES</b></div>			
the specification of which (check only one item below):  <div style="margin-left: 20px;"> <input type="checkbox"/> is attached hereto.   <input type="checkbox"/> was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).   <input checked="" type="checkbox"/> was filed as PCT International Application Number <b>PCT/JP2004/016422</b> on <b>November 5, 2004</b> and assigned U.S. Serial No. <b>10/579,670</b>.         </div>			
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Japan	2003-390013	19 November 2003	[X] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO
			[ ] YES [ ] NO

<b>COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued)</b> (Includes Reference to PCT International Applications)				<b>ATTORNEY'S DOCKET NUMBER</b> 201487/1180 (S5-A0301P-US)	
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:					
PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:					
U.S. APPLICATIONS			STATUS (Check One)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
PCT/JP2004/016422	5 November 2004	10/579,670		X	
POWER OF ATTORNEY: : As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with the following customer number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. 26774					
Send Correspondence to: 26774			Direct telephone calls to: Michael L. Goldman (S85) 263-1304		
2 0 1	FULL NAME OF INVENTOR	FAMILY NAME HASHIMOTO	FIRST GIVEN NAME Yoshihiro	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Kanagawa	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS Maison Soleiyu B-1, 2374-1, Takakura, Fujisawa-shi	CITY Kanagawa	STATE & ZIP CODE/COUNTRY 252-0802 Japan	
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME KARUBE	FIRST GIVEN NAME Isao	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o Tsukuba Central, National Institute of Advanced Industrial Science and Technology, 1-1-1, Higashi, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/COUNTRY 305-8561 Japan	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.					
SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202			
					
DATE		DATE 29th, June, 2006			

2 of 2